

## Appendix D: Northeast C1217

### Field Notes and Pictures

Utility: ComEd      Investigators: J. Stutsman & J. Spencer

Feeder	Voltage	Location	Date	Description
C1217	12kV	Glencoe	8/8/01	Tree contact, northwest of intersection of Vernon Av and Sunset Ln along Vernon Av
C1217	12kV	Glencoe	8/8/01	Tree contact with primary 12 kV bare wire -- near intersection of Greenbay Rd and Vernon Av -- See Picture D1
C1217	12kV	Glencoe	8/8/01	Tree contact, insulated primary (tree wire) in trees -- Meadow Rd near Rail Road*
C1217	12kV	Glencoe	8/8/01	Tree contact, bare hardware and Insulated primary (tree wire) in trees -- Meadow Rd near Rail Road -- See Picture D2
C1217	12kV	Glencoe	8/8/01	Tree contact, insulated primary (tree wire) goes into trees -- Sylvan Rd west of intersection with Franklin Rd -- See Picture D3
C1217	12kV	Glencoe	8/8/01	Tree clearance, trees overhanging insulated primary (tree wire) -- between transformer 185 and tap fuse 7497 -- this is typical of the many overhang problems seen in the Glencoe and Highland Park areas -- See Picture D4
C1217	12kV	Glencoe	8/8/01	Tree contact, trees into insulated primary (tree wire) near corner of Hillcrest and Brentwood*
C1217	12kV	Glencoe	8/8/01	Tree contact, Brentwood and Sheridan Rd. tree into insulated primary (tree wire) burning on branches and burnt insulation on street side -- See Picture D5
C1217	12kV	Glencoe	8/8/01	Tree contact, Brentwood and Sheridan Rd. burning on insulated primary (tree wire) insulation -- on field side*
C1217	12kV	Glencoe	8/8/01	Tree contact, hard Maple, near transformer 3E5 (approximately 50 yards north of Greenbay Rd and east of Old Elm Ln)
C1217	12kV	Glencoe	8/8/01	Tree contact, south of Greenbay Rd and east of Eastwood Rd near transformers 3B6 & 3E2
C1217	12kV	Glencoe	8/8/01	Tree contact, primary looks like it "goes into" trees, southeast area near corner of Meadow Rd and Sylvan Rd
C1217	12kV	Glencoe	8/8/01	Tree contact, south of Franklin Rd between Forest Av and Sheridan Rd
C1217	12kV	Glencoe	8/8/01	Tree contact, along Sheridan Rd between Brentwood Dr and Estate Dr
C1217	12kV	Highland Park	8/8/01	Tree contact, along Greenbay Rd between Cherokee Rd and Marion Av
C1217	12kV	Highland Park	8/8/01	Tree contact, along Greenbay Rd northwest of intersection of Greenbay Rd and Leslee Ln
C1217	12kV	Highland Park	8/8/01	Tree contact, Locust tree, along Greenbay Rd southeast of intersection of Greenbay Rd and Melody Ln
C1217	12kV	Highland Park	8/8/01	Tree contact, along Greenbay Rd northwest of intersection of Greenbay Rd and Melody Ln
C1217	12kV	Highland Park	8/8/01	Tree clearance in right-of-way southeast of Blackstone PL between Greenbay Rd and Flora PL

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C1217	12kV	Highland Park	8/8/01	Tree contact, Clavey Rd. and Hillside Dr. bare primary contact in trees with burning*
C1217	12kV	Highland Park	8/8/01	Tree contact, bare wire, tree into cross arm and primary contact with burning at Clavey and Greenbarry Rd. -- See Picture D6
C1217	12kV	Highland Park	8/8/01	Tree contact, bare wire, tree into cross arm area with primary contact with burning at Clavey and Greenbarry Rd.*
C1217	12kV	Highland Park	8/8/01	Tree contact, bare wire into tree (Locust tree) with burned leaves at corner of Oakland Dr. and St. Johns Ave. both sides of pole -- See Picture D7
C1217	12kV	Highland Park	8/8/01	Tree contact, bare wire into tree (Locust tree) with burned leaves at corner of Oakland Dr. and St. Johns Ave. both sides of pole*
C1217	12kV	Highland Park	8/8/01	Tree contact, insulated wire (tree wire) through tree (Locust tree) at Marshman St. and Judson Ave. *
C1217	12kV	Highland Park	8/8/01	Tree contact, 957 Wade Street bare wire contact with tree with burning in/on tree*
C1217	12kV	Highland Park	8/8/01	Tree contact, Cedar Ave. & Wade St. southeast corner insulated primary (tree wire) and pole in trees (Poplar tree & Maple)*
C1217	12kV	Highland Park	8/8/01	Tree contact, Cedar Ave. & Wade St. southeast corner insulated primary (tree wire) and pole in trees (Poplar tree & Maple)*
C1217	12kV	Highland Park	8/8/01	Tree clearance, on Cedar Ave. 100 yards east of Wade with huge overlap over primary*
C1217	12kV	Highland Park	8/8/01	Tree contact, St. John's Ave. house # 1491 -- tree is grown up between phases of primary -- See Picture D8
C1217	12kV	Highland Park	8/8/01	Tree contact, 1540 St. John's Ave. trees grown up into phases of primary and continues to Sheridan Rd*
C1217	12kV	Highland Park	8/8/01	Tree clearance, primary is clear but there are LOTS of overhanging branches along Woodland Rd from St Johns Av to Groveland Av -- the tap did have a fuse on it
C1217	12kV	Highland Park	8/8/01	Tree clearance, overhanging branches along Judson Ave SE of Marshman St
C1217	12kV	Highland Park	8/8/01	Tree clearance, overhanging branches along Judson Ave NW of Marshman St
C1217	12kV	Highland Park	8/8/01	Tree clearance, overhanging branches along Judson Ave around intersection of Judson Av & Ava St
C1217	12kV	Highland Park	8/8/01	Tree clearance, overhanging branches along Cedar Av between Saint Johns Av & Wade St
C1217	12kV	Highland Park	8/8/01	Tree clearance, overhanging branches along Wade St NW of intersection of Wade St and Cedar Av
C1217	12kV	Highland Park	8/8/01	Tree contact, through trees, insulated primary (tree wire), tap off of Wade St southwest to transformers 3A3 & 3C9 -- tap is fused
C1217	12kV	Highland Park	8/8/01	Tree contact, through trees, insulated primary (tree wire), tap off of Wade St northeast to transformer 1D5 -- tap is fused

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C1217	12kV	Highland Park	8/8/01	Tree contact/clearance, overhanging branches and field side primary looks like contact, along Forest Av between Wade St and fused tap 17900
C1217	12kV	Highland Park	8/8/01	Tree contact, tap into dense trees, east from Forest Av between Wade St and Linden Av fuse 17900
C1217	12kV	Highland Park	8/8/01	Tree contact, primary disappears into trees in right-of-way east from Forest Av between Linden Av and Lincoln Av S
C1217	12kV	Highland Park	8/8/01	Tree clearance, along Forest Av between Linden Av and Lincoln Av S
C1217	12kV	Highland Park	8/8/01	Tree clearance, along Saint Johns Av near transformer 2E2
C1217	12kV	Highland Park	8/8/01	Tree clearance, along Saint Johns Av near transformer 2D5
C1217	12kV	Highland Park	8/8/01	Tree contact, trees grown into phases, southeast of intersection of Saint Johns Av and Sheridan Rd

Notes:      \*      Indicates field picture not included in this report

This summary for the circuit inspected represents typical observations noted by Staff engineers during the field inspection and DOES NOT represent all of the problems or potential problems that may exist on the circuit. In many cases there were portions of the circuit that were not inspected at all. No effort was made to perform a thorough, detailed inspection as may need to be done by the utility.

## Appendix D: Northeast C1217

Picture D1

Contact with bare primary near intersection of Greenbay Rd and Vernon Av in Glencoe



Picture D2

Contact with bare hardware and insulated primary in tree on Meadow Rd near Rail Rd in Glencoe



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**Picture D3**

**Insulated primary (tree wire) seen going into trees along Sylvan Rd west of intersection with Franklin Rd in Glencoe**



**Picture D4**

**Example of trees overhanging primary -- typical in Glencoe and Highland Park areas**





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### Picture D5

Tree has grown into primary with burning visible on branches. Burnt insulation is visible on street side wire. Located at intersection of Brentwood and Sheridan Rd. in Glencoe.



### Picture D6

Tree into cross arm and primary contact with burning near intersection of Clavey and Greenbarry Rd in Highland Park





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Picture D7

Locust tree contact with bare wire on both sides of pole with burning located near intersection of Oakland Dr. and St. Johns Ave. in Highland Park



Picture D8

Tree has grown up between phases of primary at 1491 St. Johns Ave. in Highland Park

